

**Attorney Docket No. 298-149**

**PATENT**

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  U.S. Patent  
By :  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** WOLFGANG KRUMM, GUNTER FUNK and STEFAN HAMEL

(Inventor(s) or

person(s) or entity(es)  
who own the invention)

(If assignment is by person or entity to whom invention was previously assigned and this  
was recorded in PTO add the following)

Recorded on \_\_\_\_\_

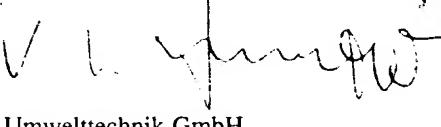
Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

HERHOF  
Umwelttechnik GmbH  
- Patentverwaltung -  
35606 Solms/Niederbiele  
Riemannstr. 1 Tel. 0 64 42/2070

  
Herhof Umwelttechnik GmbH  
(Type or print name of ASSIGNEE)

Riemannstrasse 1  
Address

D-35606 Solms-Niederbiele, Germany

Germany  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

[X] the entire right, title and interest

[ ] an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

[ ] and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

METHOD AND DEVICE FOR PYROLYZING AND GASIFYING ORGANIC SUBSTANCES OR  
SUBSTANCE MIXTURES

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) [ ] U.S. patent application executed on even date herewith.
- (b) [ ] U.S. patent application executed on \_\_\_\_\_.
- (c) [x] U.S. application Serial No.10/019,637.
- (d) [ ] U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.

[ ] A change of address to which correspondence is to be sent  
regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(e) [ ] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation,  
division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or  
entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent  
facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and  
accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related  
thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers,  
instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention  
and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes  
thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ (Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Wolfgang Krumm

Günter Funk

Stefan Hamel

31-08-02

Dated

31-08-02

Dated

31-08-02

Dated

Dated

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[X] Notarization or Legalization Page Added.

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL,  
DIVISIONAL, CONTINUATION OR CIP)

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: (*check one applicable item below*)

- original
- design
- supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

- national stage of PCT

NOTE: If one of the following 3 items apply then complete and also attach ADDED PAGES FOR DIVISIONAL,  
CONTINUATION OR CIP.

- divisional
- continuation
- continuation-in-part (CIP)

**INVENTORSHIP IDENTIFICATION**

WARNING: If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

**METHOD AND DEVICE FOR PYROLYZING AND GASIFYING ORGANIC**  
**SUBSTANCES OR SUBSTANCE MIXTURES**

## SPECIFICATION IDENTIFICATION

the specification of which: (*complete (a), (b) or (c)*)

- (a)  is attached hereto.
- (b)  was filed on \_\_\_\_\_ as  Serial No. or  Express Mail No. as Serial No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (*if applicable*).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. 1.67.

- (c)  was described and claimed in PCT International Application No. PCT/EP00/05953 filed on June 27, 2000 and as amended under PCT Article 19 on \_\_\_\_\_ (*if any*).

## ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, and

- in compliance with this duty there is attached an information disclosure statement in accordance with 37 C.F.R. 1.98.

## PRIORITY CLAIM (35 U.S.C. §119)(a)-(d)

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

*(complete (d) or (e))*

- (d)  no such applications have been filed.
- (e)  such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING ( <i>day, month, year</i> )	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Germany	199 30 071.2	30, 06, 99	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(34 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

**PROVISIONAL APPLICATION NUMBER** **FILING DATE**

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

**NOTE:** If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CIP APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. §120.

## POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*List name and registration number*)

PETER G. DILWORTH, Reg. No. 26,450; ROCCO S. BARRESE, Reg. No. 25,253;  
PAUL J. FARRELL, Reg. No. 33,494; ADRIAN T. CALDERONE, Reg. No. 31,746;  
GEORGE M. KAPLAN, Reg. No. 28,375; MICHAEL E. CARMEN, Reg. No. 43,533;  
HAROLD G. FURLOW, Reg. No. 43,621; DANIEL E. TIERNEY, Reg. No. 33,461;  
MICHAEL J. MUSSELLA, Reg. No. 39,310; JUDY NAAMAT, Reg. No. 39,311;  
MICHAEL R. BREW, Reg. No. 43,513; MICHAEL J. PORCO, Reg. No. 46,007; and,  
JOHN F. GALLAGHER, Reg. No. 47,234; each of them of DILWORTH & BARRESE, LLP,  
333 Earle Ovington Boulevard, Uniondale, New York 11553;

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### SEND CORRESPONDENCE TO:

Rocco S. Barrese, Esq.  
DILWORTH & BARRESE  
333 Earle Ovington Boulevard  
Uniondale, New York 11553

### DIRECT TELEPHONE CALLS TO:

(*Name and telephone number*)

(516) 228-8484

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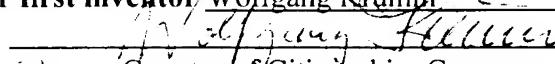
## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.

Full name of **sole or first inventor** Wolfgang Krump

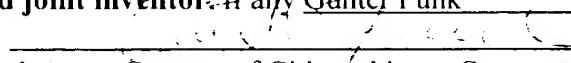
Inventor's signature 

Date 31-05-02 Country of Citizenship Germany

Residence Zollstrasse 10, D-57482 Wenden, Germany

Post Office Address Same as above

Full name of **second joint inventor, if any** Günter Funk

Inventor's signature 

Date 25-05-02 Country of Citizenship Germany

Residence Güterweg 27, D-57076 Siegen, Germany

Post Office Address Same as above

Full name of **third joint inventor**, if any Stefan Hamel  
Inventor's signature S. Hamel  
Date 31-08-02 Country of Citizenship Germany  
Residence Im Obstgarten 13 a, D-57482 Wenden, Germany  
Post Office Address Same as above

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING  
ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION**

- Signature for subsequent joint inventors.  
Number of pages added \_\_\_\_.
  - Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor.  
Number of pages added \_\_\_\_.
  - Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 C.F.R. §1.47.  
Number of pages added \_\_\_\_.
- \*\*\*
- Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.  
Number of pages added 1.
- \*\*\*
- Authorization of attorney(s) to accept and follow instructions from representative.
- \*\*\*

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

- This declaration ends with this page.